

MP3 FM
DIGITAL AUDIO TUNER

Plays
Windows
Media

REC
VOICE
recorder

Instruction Manual

Portable Multimedia Player Model PMP-100 Series

iRiver Model PMP-100 Series

<http://www.iRiver.com>

iRiver



Firmware Upgradable

Thank you for purchasing the product.
Please read the manual carefully before use.

<http://www.iRiver.com>

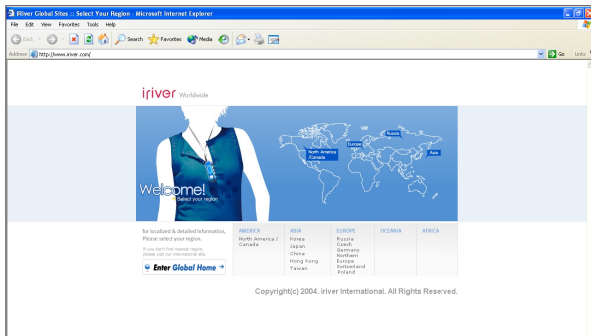
Welcome

1 Thank your for your iRiver purchase.

Thank your for your iRiver purchase.

The PMP-100 comes complete with a long list of advanced features. It is important that you read the manual to ensure that you get the most out of your new player.

2 <http://www.iRiver.com>



Obtain information about your player, look for updates, and find answers to questions at our web site.

- iRiver website address is www.iriver.com.
- The site provides product information and customer support.
- Use the firmware (system software) upgrade function of our products from the site to continuously improve the product performance.

Copyrights/Certification/Trademarks/Limited Liability

1 Copyrights

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2 Certification

- CE, FCC, MIC

3 Trademarks

- Windows, Windows 98SE, Windows ME, Windows 2000, Windows XP and Windows Media Player are the registered trademarks of Microsoft Corp.

4 Limited Liability

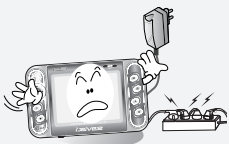
- Neither the Manufacturer, importers nor dealers is responsible for any accidental damage including bodily injury or any damage resulting from misuse or unsuitable operation by you.
- The information on this manual is prepared with the current player specifications. The manufacturer, iRiver Limited, is adding new features to the product and may persistently apply new technologies hereafter. All standards may be changed at any time without notice.

Handling notices for safety

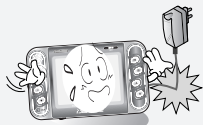
Please read before using for your safety.

Electricity

Do not overload a single power circuit. Overheating or fire can result.



Do not kink or crease the power cable or place heavy objects on the power cable. Fire can result from damaged power cables.



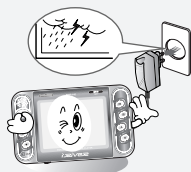
Do not handle power plug and adapter with wet hands. Electrical Shock may result.



Firmly plug the adapter into the wall socket. Fire can result from improper use.



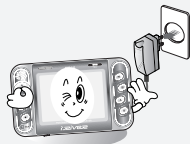
Unplug the AC adapter during electrical storms. Electrical Shock may result.



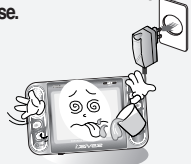
Use only the supplied AC adapter. Use of non-authorized power adapters is not recommended. Damage to your player may result from improper use.



Unplug adapter when it is not in use. Fire can result from improper use.



Immediately power off the player and unplug the AC adapter if water or other liquids are present. Fire can result from improper use.



Immediately power off the player and unplug the AC adapter if smoke or odors emit from the player or adapter. Fire can result from improper use.



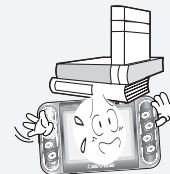
Handling notices for safety

Product

Do not place objects inside the device other than CD's. Damage to your player may result from improper use.



Do not place heavy objects on the device. Damage to your player may result from improper use.



Keep away from harsh environments including humid, dusty, and smoky areas. Damage to your player may result from improper use.



Avoid contact with water and other liquids and dry immediately with a soft cloth should contact occur. Damage to your player may result from improper use.



Do not use water or chemicals to clean the player. Clean the surface with a soft cloth. Damage to your player may result from improper use.



Do not clean with chemical or detergent. It damages the surface and scraps paint.



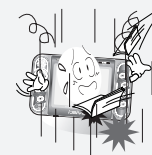
Do not use excessive force on the buttons or attempt to disassemble the device. Damage to your player may result from improper use.



Keep out of direct sunlight and extreme heat and cold. Damage to your player may result from improper use.



Do not drop or subject the device to impact. Damage to your player may result from improper use.



Handling notices for safety

Product

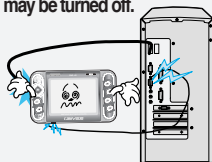
Keep the player away from strong magnets. Damage to your player may result from improper use.



Do not disassemble or modify.



Do not simultaneously connect the earphone jack, Line-In/Out jack, and USB jack to one device (i.e. a PC). The product's power may be turned off.



Note

- The following icons are displayed to indicate HOLD status.
 - : The HOLD function is set in both the player and the remote control (Option).
 - : The HOLD function is set in the player.
 - : The HOLD function is set in the remote control (Option).
- When stopped or in recording standby mode, the player automatically turns off according to the setting of "STOP POWER OFF" on the Setup.
- If the player is disconnected suddenly or turned off during file transfer, it may cause data loss and an error screen may appear on the player. If this happens, attach the player to your PC and run the Windows Scan Disk utility.

Handling notices for safety

Others

Do not use headphones / earphones while cycling, driving, or operating any motorized vehicle. It is dangerous and is illegal in some areas.



Reduce volume while walking, especially at pedestrian crosswalk.



Do not use headphone / earphones at high volume. Hearing experts advise against listening to continuous, loud and extended play.



Reduce volume or stop using the player if you experience a ringing in your ears. Hearing experts advise against listening to continuous, loud and extended play.



Do not use at high volume for continuous listening. Hearing experts advise against listening to continuous, loud and extended play.



Included earphones include soft covers for your comfort. They may be used with or without covers at your preference.



Keep headphones / earphones cords under control at all times. Cords may get caught on a variety of objects and cause damage or injury.





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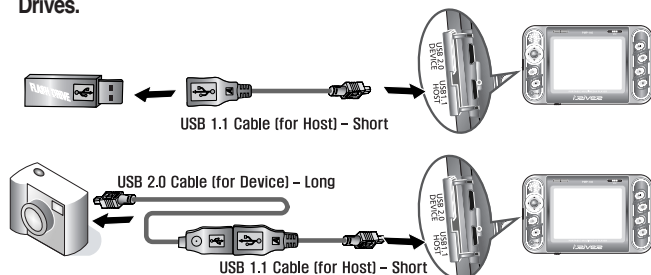


1 Data sharing without a PC - USB Host

• Data sharing without a PC - USB Host

USB Host allows for transfer from certain portable devices without the need of a computer.

The Browser function allows the PMP-100 series player to interface with other USB devices such as Digital Cameras and External Hard Drives.



Some devices, even with UMS support, may not be compatible with the PMP-100 series. Please visit our web site for more details about compatible devices. Future devices may be supported via firmware upgrades to the PMP-100, but no compatibility guarantees are made by iRiver or your device manufacturer.

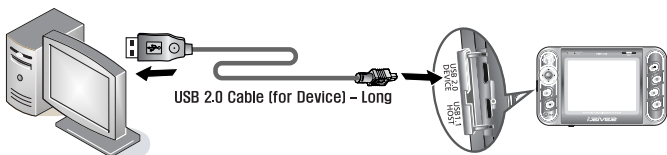
2 Portable Hard Drive with USB 2.0 and USB Host

• External hard drive

Works just an external USB 2.0 hard drive for storing and transferring files to almost any PC.

• Easy to use - Easy Navigation/Playlist

Easy to locate movies, songs, playlists, and pictures. PMP supports up to 999 folders for the ultimate in organization.



3 Portable Entertainment + Home Theater

- Store and play movies, video, music, pictures, and more.
All on the built-in color display.

- FM Tuner and FM recording
Built in FM tuner with memory presets and automatic searching.
Record from any FM station using the FM recording function.

- Advanced Audio recording
Record voice notes and make recordings from external audio equipment (CD players, tape decks, etc.) with the Line-In recording feature.

- TV Out
Take your videos with you and watch them on the big screen. Use the TV out plug to attach to any TV or video screen to view videos, movies, and picture files.

- Detachable Li-ion Rechargeable battery.

- Onboard speaker
Listen to music or movies without earphones thorough the built-in speaker.

4 3.5inch 260,000 Color TFT LCD

- Movies and videos come to life on the 3.5 inch color TFT LCD screen.
- Full color menus make for easy navigation.
- Supports 38 languages including traditional and simplified Chinese.
- Built-in help screens for guidance in every function.

1-1. Features

Before using



5 Powerful Sound Options

- 5 Preset and 1 User set equalizer
Select one of the 5 preset EQ (Normal, Rock, Jazz, Classical, Ultra Bass) or set your own with the User EQ.

6 Firmware Upgrade/Multi-Codec Player

- Constant state-of-the-art performance - firmware upgrade
Latest features and fixes available with firmware updates.
- Full featured Multimedia Player
The PMP-100 will play movie files (MPEG4, XviD encoded AVI and ASF), photo files (JPG, BMP) and music files (MP3, WMA, ASF, WAV) on the built-in LCD screen.

1-2. Components

Before using



Accessories may change without notice.

PMP-100 series



AC Adapter



Earphones and Covers



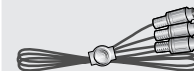
Installation CD



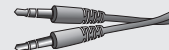
Manual/Warranty form
(Quick Start Guide)



AV Cable



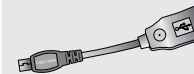
Audio Line-In Cable



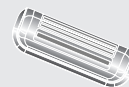
USB Device Cable



USB Host Cable



Rechargeable Battery
(1EA)



Carrying Case



Remote Control (Option)

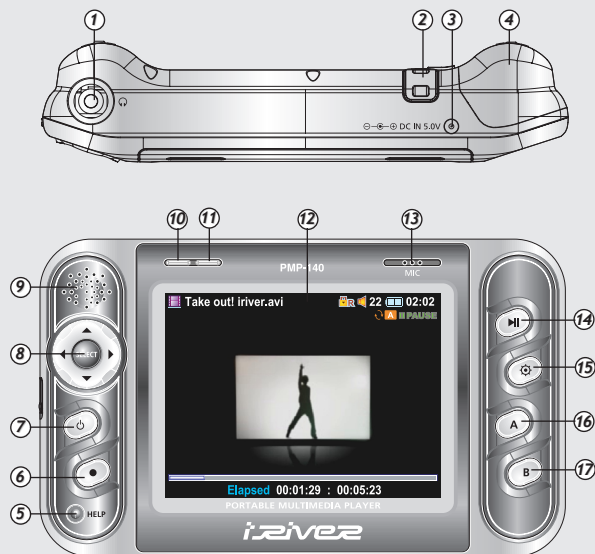


2-1. Locating the controls

Getting started

Actual player may vary slightly from images shown.
Functions are similar.

Player : Top/Front view

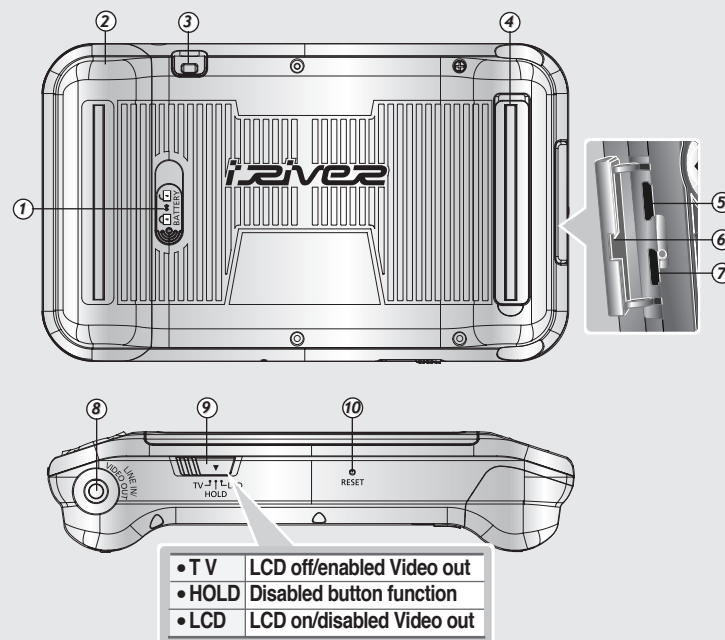


① Remote control (Option) / earphones jack	⑨ Speaker
② Strap	⑩ HDD indicator
③ ⏻ DC IN 5.0V jack	⑪ Charging indicator
④ Rechargeable battery	⑫ LCD screen
⑤ HELP (?) button	⑬ Microphone
⑥ REC (●) button	⑭ PLAY/PAUSE/STOP (⏮⏪⏩⏭) button
⑦ POWER ON/OFF (⏻) button	⑮ NAVI (⚙) button
⑧ ⏮, ⏪, ⏩, ⏭, SELECT buttons	⑯ A (A-B) button
	⑰ B (EQ/MODE) button

2-1. Locating the controls

Getting started

Player : Rear/Bottom View



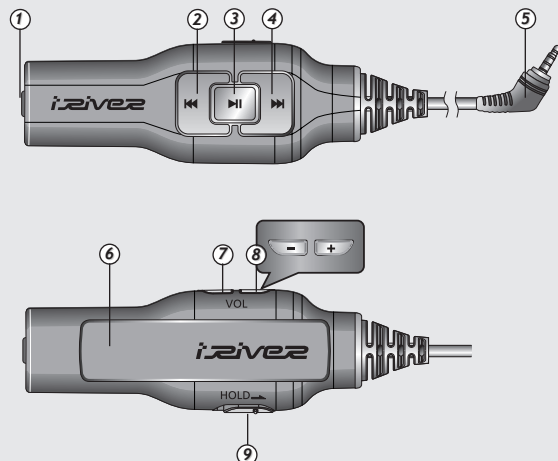
① Battery lock	⑥ USB port cover
② Detachable Rechargeable battery	⑦ USB port (USB1.1 HOST) (⏻)
③ Strap	⑧ Line in / AV out jack
④ Stand	⑨ TV/HOLD/LCD switch
⑤ USB port (USB2.0 DEVICE) (⏻)	⑩ Reset

2-1. Locating the controls

Getting started



Remote Control (Option)



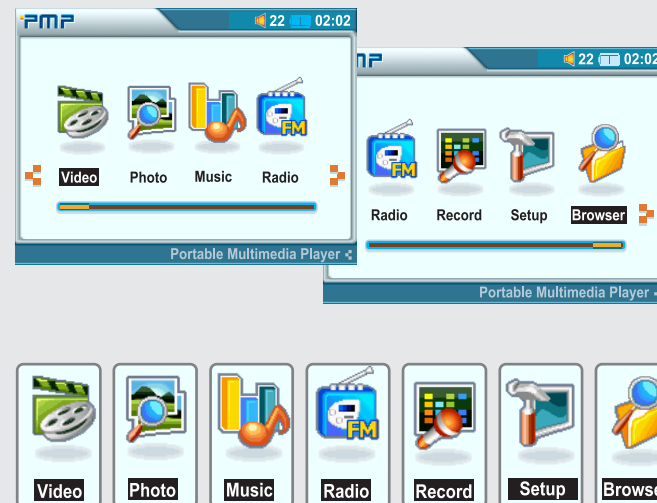
① Earphones Jack	⑤ Remote Control Jack
② PREVIOUS/Reverse (⏮)	⑥ Clip
③ POWER ON/OFF, Play/Pause/Stop (⏸)	⑦ Volume -/Down
④ NEXT/Forward (⏭)	⑧ Volume +/Up
	⑨ Remote control hold switch

2-2. LCD screen display

Getting started



Function selection mode



- ① Video : Playing video files.
- ② Photo : Viewing photo files.
- ③ Music : Playing music files.
- ④ Radio : FM radio listening.
- ⑤ Record: Recording from the microphone or connected equipment
- ⑥ Setup: Customizing the function setting.
- ⑦ Browser : Searching folders/files

2-2. LCD screen display

Getting started



Video playback

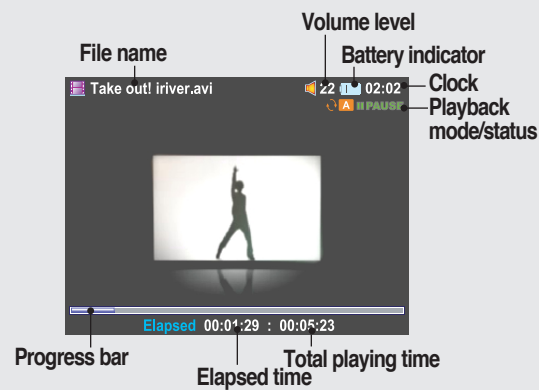
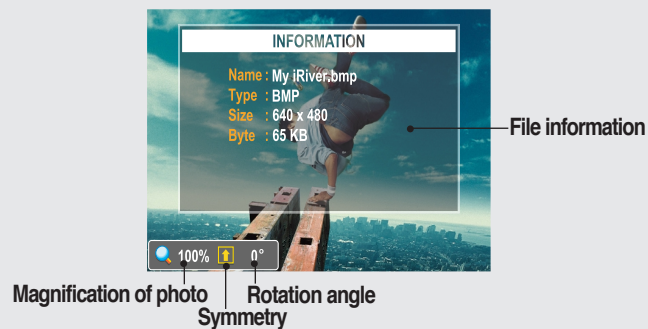


Photo view

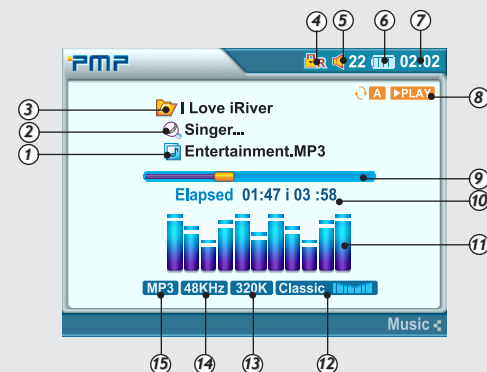


2-2. LCD screen display

Getting started



Music playback



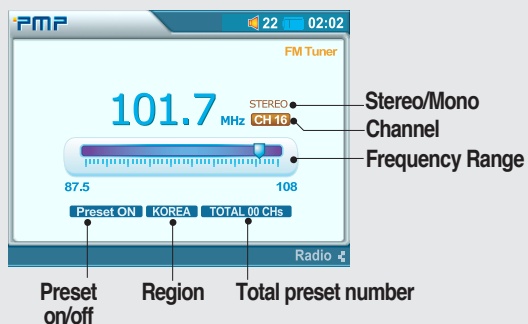
① File name	⑧ Playback mode/status
② Artist	⑨ Progress bar
③ Folder name (Title)	⑩ Play time (Elapsed Remain)
④ Hold indicator (Machine / Remote control<Option> / Both)	⑪ Level meter
⑤ Volume level	⑫ EQ mode
⑥ Battery indicator	⑬ Bit rate
⑦ Clock	⑭ Sample rate
	⑮ File Format

2-2. LCD screen display

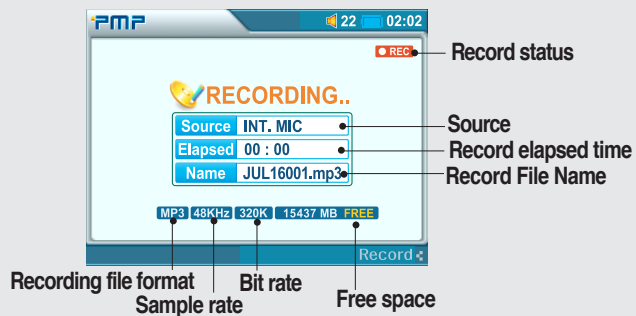
Getting started



FM radio mode



Recording Mode



2-3. Connecting and installation

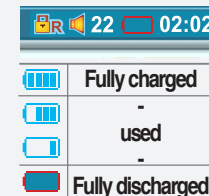
Getting started



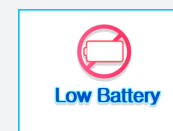
about battery indicator

1 If the battery is fully discharged...

If the battery is fully discharged, the red battery icon is displayed on the LCD.



Low Battery will appear when the player is powered on if the battery is low on charge. The player will power itself off.



Charge the player again before use.



- If the player turn off because the battery is all worn out, please turn on the player after connecting the AC adapter and charge over the 20 second.
- If the battery is detached while the player is operated by AC adapter, the player is turned off for system protection.

2-3. Connecting and installation

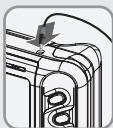
Getting started



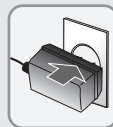
Use only the AC Power Adapter supplied with the player.
The AC operating voltage of this player is 100~240V, 50/60Hz.

Charging

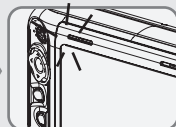
① Charging by using AC adapter



- 1 Connect the AC adapter to the player's DC IN 5.0V connector.



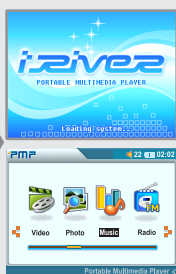
- 2 Connect the AC adapter plug to a power socket. (AC adapter for this player is 120~240V, 50/60Hz.)
If a power source is connected when the player is turned off, a charging indicator light will illuminate while the player is charging.



- 3 The light will turn off when charging is complete.



- 4 Press and hold the POWER button while charging to start the player in Function selection mode.



2-3. Connecting and installation

Getting started



Charging

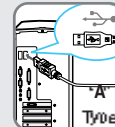
② Charging by using USB cable



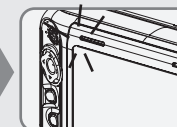
- 1 Push the USB lock to open the protective cover.



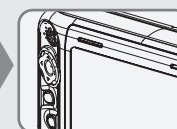
- 2 Connect the USB cable to the player's USB Device Port.



- 3 Connect the USB cable to the PC's USB port.
A charging indicator light will illuminate while the player is charging.



- 4 The light will turn off when charging is complete.



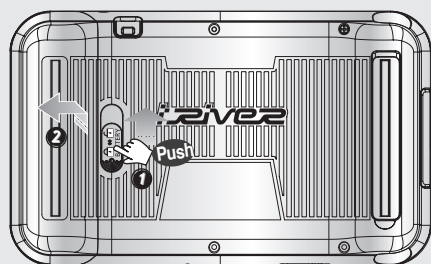
- The charging time : Approx. 4 hours (At full discharge)
- The playback time : Approx. 4 hours (Video)



About the Rechargeable battery

1 Detaching the rechargeable battery

Press the lock to release the battery and slide it out of the player.



2 Attaching the rechargeable battery

Slide the battery onto the player until it locks into place.

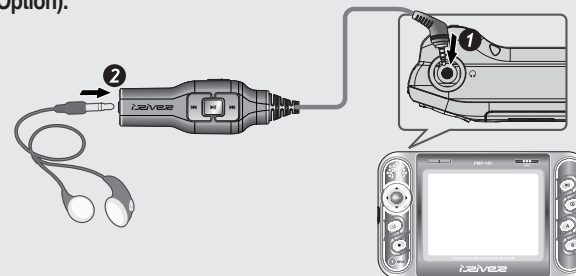


- Charge and store the battery at room temperature. It may not charge properly in hot or cold temperature environments.
- Do not attempt to disassemble the battery. Do not expose the battery to open flame.
- These activities could cause the battery to explode resulting in serious injury.
- Do not contact the connectors of the battery to metal objects, or an electrical shock may occur.



Connecting the remote control (Option)/earphones

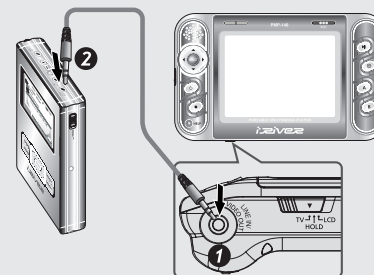
1. Connect the remote control (Option) to the socket on the top of the player.
2. Connect the earphones jack to the earphone socket of the remote control (Option).



Connecting to audio equipment

Line-In : Connect external input devices for Line-In audio recording.

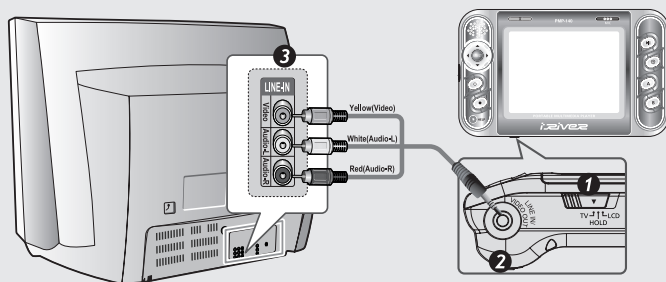
1. Connect the Line-Out or earphone socket of the external device to the Line-In/Video out socket of the player with the Line-In cable.
2. Use the recording feature to record with the desired setting. See Page 66 for Audio Recording instructions.





Connecting to a TV

1. Select TV from "TV/HOLD/LCD" switch.
2. Connect AV cable with player as shown on the diagram below.
3. Connect RCA jack to the TV as shown on the diagram below.
(Yellow - Video, White - Audio L.ch, Red - Audio R.ch)



Operate the software

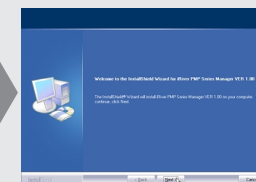
Windows Me, Windows 2000 and Windows XP will recognize the PMP-100 as a USB drive automatically and you can use the player without installing PMP Manager. Look for the "PMP" drive by opening My Computer. For Windows 98 SE users, the PMP Manager must be installed for the computer to recognize the player. All users must install PMP Manager to use the Database function.

1 PMP Manager installation

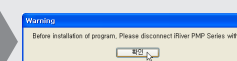
- 1 Insert the Installation CD into the CD-ROM drive.
The installation will start automatically.



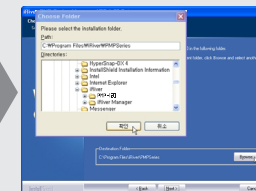
- 2 Click "Next" to continue installation.



- 3 If the product is connected, disconnect it from the PC and press the "OK" button.
The message is displayed even if the product is not connected to the PC.



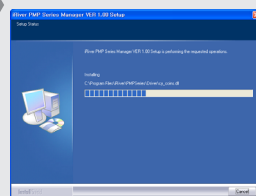
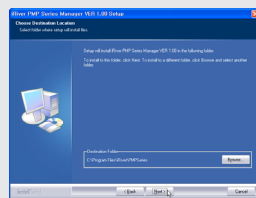
- 4 Select the folder to install.
Click "OK".



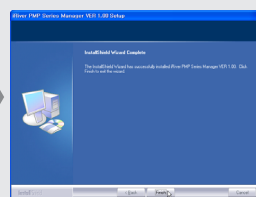


Operate the software

- 5** Click “Next” after confirming the installation folder.
The installation is in process.



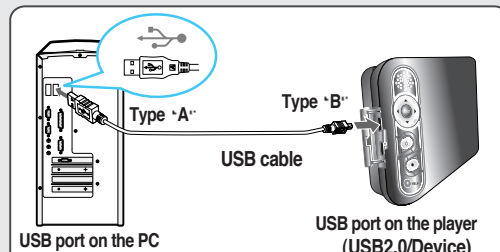
- 6** Click “Finish” after the installation is completed.



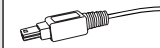
Complete the driver installation after installing the PMP Manager software.

Operate the software

2 Connecting to a PC



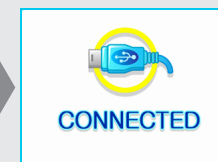
Type "A"



Type "B"

- 1** Connect the USB cable (provided) to the USB port of your PC.

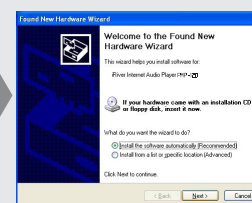
- 2** Turn on the player, open the protective cover of the USB port, and connect the USB cable.
“CONNECTED” icon will appear on the LCD screen of the player.



- 3** After installing iRiver Music Manager from the CD and connecting the player to your PC, “Found New Hardware” screen is displayed.



- 4** Select “Install the software automatically (Recommended)” and click “Next”.



Operate the software

- 5** If a "Hardware Installation" warning message appears, click "Continue Anyway". (Windows XP)
The iRiver software driver will not cause any damage to your computer.

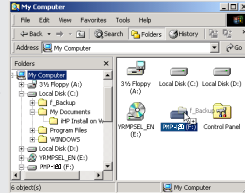


- 6** Windows XP and Windows 2000 will display a "Device Attached" icon.

Note Windows may ask to install a driver for the PMP. Please follow the provided driver installation guide on the following page.



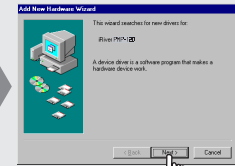
- 7** Once installed, open Windows Explorer and an additional drive should be listed called "PMP-100".



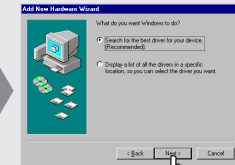
Operate the software

3 Installing the device driver manually (Windows98 SE only)

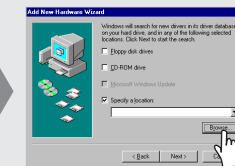
- 1** If the player is not recognized by the PC, an "Add new hardware wizard" window is opened. Click the "Next" button.



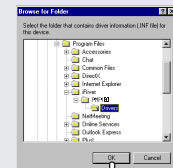
- 2** Click the "Search for the best device driver (recommended)" and click the "Next" button.



- 3** Click 'the specify a location' option and click the "Browse" button.



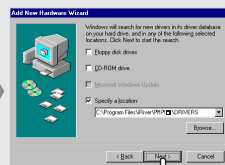
- 4** Select the installation folder that includes the iRiverH.inf file (C:\Program Files\iRiver\PMP100\drivers) and click the "OK" button.



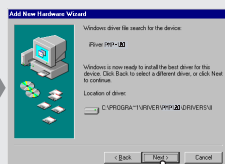


Operate the software

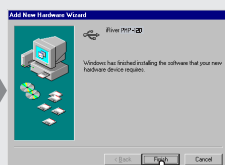
- 5** When the folder is located, click the "Next" button.



- 6** Click the "Next" button.



- 7** Click the "Finish" button to finish the installation.



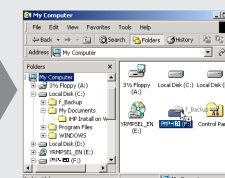
Operate the software

4 To copy/delete files/folders

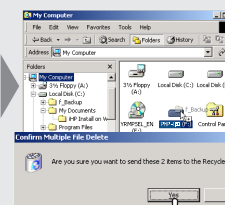
- 1** The player will show up as a new drive in Windows Explorer.



- 2** To copy files/folders
Click and Drag files from the PC to the player.



- 3** To delete files/folders
To delete files or folders from the player, select the files (folders) to be deleted and press "Delete" on the keyboard. Click "Yes" when asked to confirm the delete.



- Note** When deleting files, some computers will move them to the Recycle Bin on your desktop. Be sure to empty your PC's Recycle Bin to make sure the space on the PMP is available for new file transfers."

- Note** ⚠ When the player is attached to a computer for an extended period of time, be sure to plug in the AC adapter.
Low batteries can prevent proper functioning of the player.



Operate the software

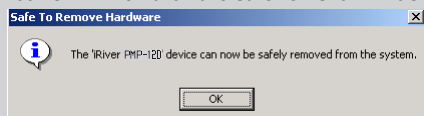
⑤ Safely removing the player from the PC

1 Click the “Safely removing device” icon in the PC tray.  2:11 PM

2 Click “Stop iRiver PMP-100-Driver (X)” or “Safely Remove TOSHIBA MK1—3GAL USB Disk - Drive (X:).” (Where X is the drive letter assigned to the PMP) Click the following popup message.



3 Click the Confirm button in the hardware safe removal window



4 Disconnect the USB cable between the player and host PC. The following message is displayed in the LCD screen.



- The tray icon may be hidden in some Windows XP operating system settings. Click the "Display hidden icon" to view the hidden icon.
- Hardware safe removal may not be available while using some applications such as Windows Explorer or Windows Media Player. Please close all applications using the player before the hardware safe removal process.
- In some Windows XP operation system settings, hardware safe removal is temporarily unavailable due to some internal system communication.

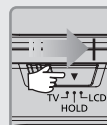


Turning on/off the player

① Turning on the player



1 Connect the remote control (Option) or earphones.



2 Put the HOLD switch to "LCD"



3 Press and hold the POWER button to turn on the player.



- The following icons are displayed to indicate HOLD status.
 -  B : The HOLD function is set in both the player and the remote control (Option).
 -  M : The HOLD function is set in the player.
 -  R : The HOLD function is set in the remote control (Option).
- When stopped or in recording standby mode, the player automatically turns off according to the setting of “STOP POWER OFF” on the Setup.



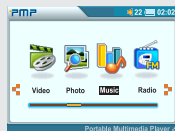
Turning on/off the player

2 Selecting the function



1 When powered on, the Function menu will display. Press ◀ or ▶ button to choose the desired function.

• Video	Playing video files
• Photo	Viewing photo files
• Music	Playing music files
• Radio	Listening FM station
• Record	Recording voice/audio
• Setup	Setting the functions
• Browser	Searching folders/files



2 Press SELECT button to execute the selected function.



3 Adjusting the volume



During the music or video file playback, press ▲ ▼ button to increase or decrease volume level.



Sound control

4 Turning off the player



To turn off the player, press and hold the POWER button.



Playing a video file(s)

① Playing a video file



- 1** Press and hold the POWER button to turn on.
Function selection screen is displayed.

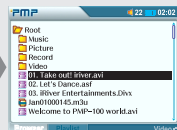
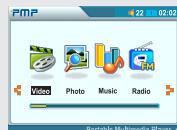
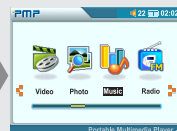


- 2** Use ◀▶ button to choose Video and press SELECT.
Press the B button to choose "Browser" or "Playlist" to search for files. Only video files will appear on the lists.



Browser: Look for files on the player.
Playlist: Display or create a list of files to play."

The playable files with the selected program are only displayed.



- 3** Use the ◀▶ buttons to locate a video file then press SELECT to highlight the file for playback.
Press ▶ button to enter the folder. Press ◀ button to go the upper folder.
If a folder is selected, all files in the folder and all files in any sub-folders will be added to the list.

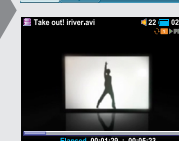
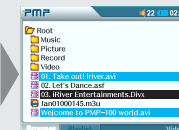
Playing a video file(s)

- 4** Continue to use ◀▶ buttons and SELECT to highlight additional files in the current folder.
Moving to a different folder will clear all currently highlighted items.
Clicking SELECT on a previously highlighted item will clear it from the current list.



- 5** Press and hold the SELECT button to open a pop-up menu.
Choose "Select All" and press SELECT to highlight all items in the current folder.

- 6** Press the ▶ button to play the selected file directly or press the SELECT button after selecting "Play" on the pop-up menu.
The highlighted files begin playing.

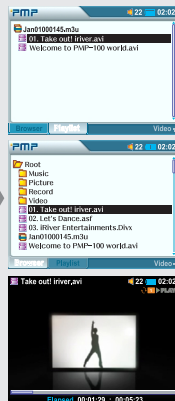


Playing a video file(s)

2 Selecting a video file while playback



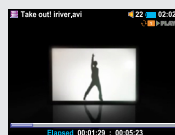
Press NAVI(⊗) button.
Use the ◀▶ buttons to select a video file, then press the PLAY(▶) button to play the selected file.
(See page 37 for details.)



3 FF and RW



Press and hold the ◀▶ button for fast-forward or fast-reverse playback.
Release the button for normal playback.



4 Help for button



Press the "?/Help" button to see an explanation of each button function during video playback mode.
Press the "?/Help" button again to exit Help.



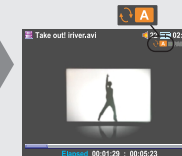
Playing a video file(s)

5 Changing Playback Mode



While playing a video file, press and hold the B (EQ/MODE) button to change the playback mode.

The playback mode is changed whenever it is pressed. (1 → All → Normal) See page 91 for details about playback modes.

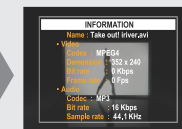


6 View information about a video file



Press the B (EQ/ MODE) button to view information about a video file.

Press the B (EQ/MODE) button again to exit viewing information about a video file.



3-2. Playing video file(s)

Basic operation

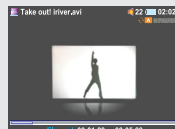


Playing a video file(s)

7 Pause playing



Press **PAUSE** to pause video playback. Press **PAUSE** again to continue playing.



8 Exit playing a video file



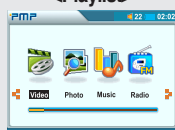
1 Press and hold **PAUSE** to stop playing. When stopped the current playlist screen will be displayed.



<Playlist>



2 Press and hold the **PAUSE** button again to exit video playback mode. The Function menu will be displayed.



Portable Multimedia Player

3-3. Viewing photo file(s)

Basic operation



Viewing photo file(s)

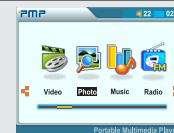
1 Viewing photo files



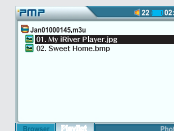
1 Select Photo from the Function menu and press **SELECT** to enter photo viewing mode.

Press the **B** button to choose "Browser" or "Playlist" to search for files. Only image files that will appear on the lists.

Browser: Look for files on the player.
Playlist: Display or create a list of files to play."



<Browser>



<Playlist>



2 Use the **LEFT**, **UP**, **DOWN**, **RIGHT** buttons to locate an image file then press **SELECT** to highlight the file for playback.

Press **RIGHT** button to enter into the folder. Press **LEFT** button to go the upper folder.

If a folder is selected, all files in the folder and all files in any sub-folders will be added to the list.



<Browser>

3-3. Viewing photo file(s)

Basic operation

Viewing photo file(s)



- 3** Continue to use buttons and **SELECT** to highlight additional files in the current folder. Moving to a different folder will clear all currently highlighted items.



- 4** Press and hold the **SELECT** button to open a pop-up menu. Choose "Select All" and press **SELECT** to highlight all items in the current folder.



- 5** Press the button to play the selected file directly or press the **SELECT** button after selecting "Play" on the pop-up menu.

The highlighted first file will show on the LCD screen.



3-3. Viewing photo file(s)

Basic operation

Viewing photo file(s)

2

Skipping to next/previous file



While viewing images, press the button to skip to the next or previous file in the playlist. If the last item in the list is currently displayed, pressing will stop playback and the Playlist screen will appear.



3

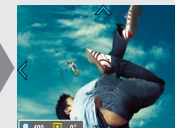
Zoom



- 1** Press the **A** button to enlarge the picture by 2/ 4/ 8/ 1 times.



- 2** Press the button to move zoom point at Zoom mode.



Viewing photo file(s)

4 Rotating the picture



Press and hold the A button to rotate the picture by 90 degree. You can not zoom the picture during rotate mode.



5 View photo file's Information



Press the B (EQ/MODE) button to view image information.

On some files, it will be necessary to press B again to see the file detail.

Press the B (EQ/MODE) button again to exit viewing image information.



6 Help for button



Press the ?(Help) button to see an explanation of each button function.

Press the ~?(Help) button again to exit Help.

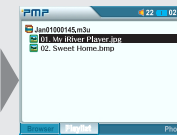


Viewing photo file(s)

7 Exit viewing photo files



1 Press and hold the [Stop] button to stop viewing images. When stopped the current playlist screen will be displayed.



2 Press and hold the [Stop] button again to exit video playback mode. The function menu will be displayed.



3-4. Playing music file(s)

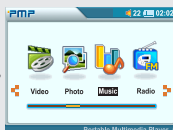
Basic operation

Playing music file(s)

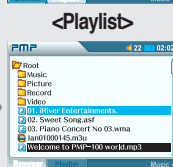
1 Basic playback



- 1 Select Music from the Function menu and press SELECT to enter music playback mode.



- 2 Press the B button to choose "Browser" or "Playlist" to search for files.
Only music files will appear on the lists.
Browser: Look for files on the player.
Playlist: Display or create a list of files to play.



- 3 Use the <><><><> buttons to locate a video file then press SELECT to highlight the file for playback.

Press > button to enter the folder.
Press < button to go the upper folder.

If a folder is selected, all files in the folder and all files in any sub-folders will be added to the list.

3-4. Playing music file(s)

Basic operation

Playing music file(s)

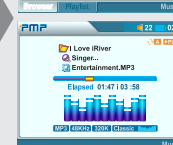
- 4 Continue to use <><><><> buttons and SELECT to highlight additional files in the current folder.
Moving to a different folder will clear all currently highlighted items.



- 5 Press and hold the SELECT button to open a pop-up menu.
Choose "Select All" and press SELECT to highlight all items in the current folder.



- 6 Press the >>>> button to play the selected file directly or press the SELECT button after selecting "Play" on the pop-up menu.
The highlighted files begin playing.

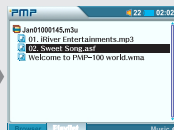


Playing music file(s)

2 Skipping to Next/Previous File



Press ► to skip to the next file in the current playlist. Or press ◀ to skip to the previous file in the list. If the last item in the list is currently playing, pressing ► will stop playback and the Playlist screen will display.



3 Fast searching



Press and hold the ◀ or ► button for fast-forward or fast-reverse playback. Release the button for normal playback.

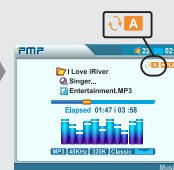


4 Changing playback mode



While playing a music file, press and hold the B (EQ/MODE) button to change the playback mode.

The playback mode is changed whenever it is pressed. (1 → All → Normal) See page 91 for details about playback modes.



5 Help for button



Press the "? (Help)" button to see an explanation of each button function during music playback mode.

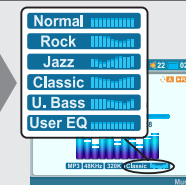


Playing music file(s)

6 Changing the sound EQ



During the music file playback or pause, press B (EQ/MODE) button, to change the sound EQ.



7 To pause playback



Press ►|| to pause music playback. Press ►|| again to continue playing.



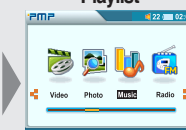
8 Exit playing a music file



1 Press and hold ►|| to stop playback. When stopped the current playlist screen will be displayed.



2 Press and hold the ►|| button again to exit music playback mode. The function menu will be displayed.



Function selection

3-4. Playing music file(s)

Basic operation

DB Scan allows you to search for your music files by Song Title, Artist, and Genre. Please see page 77 for more information about activating DB Scan.

Playing with DB Scan

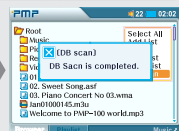
1 Playing with DB Scan



1 Press and hold the SELECT button to open a pop-up menu. Choose "Select All" and press SELECT to highlight all items in the current folder.



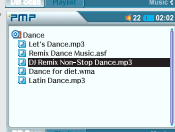
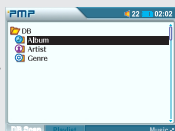
2 Choose DB Scan from the pop-up menu and press SELECT.



3 Press the SELECT button after selecting a music file by using the ◀▶ button. Press ▶ button to enter into the folder.

Press ◀ button to go the upper folder.

If select Folder, all files and sub folder in the folder are selected.



Note Files listed in red have been deleted from the player. Please connect the player to your PC and update the DB file (see page 77 for details).
If DB Scan does not display any files, reconnect the player to your PC and update the DB file. See page 77 for details.

3-4. Playing music file(s)

Basic operation

Playing with DB Scan

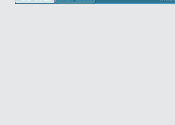
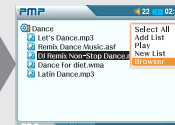
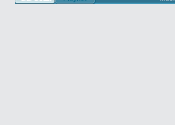
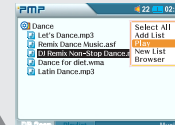


4 Press and hold the SELECT button to open a pop-up menu. Choose "All" and press SELECT to highlight all items in the current view.



5 Press the ▶ button to play the selected file directly or press the SELECT button after selecting "Play" on the pop-up menu.

The highlighted files begin playing.



6 Press and hold the SELECT button to open a pop-up menu. Choose "Load List" and press SELECT to exit DB Scan mode and return to the file list.

Using playlists

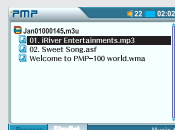
① Playing with playlists



- 1** Press the B button to open Browser at the stop mode.
You can select Browser or Playlist by turns by pressing the B button. The playable files with the selected program is only displayed.



<Browser>



<Playlist>



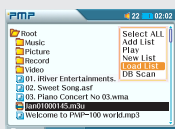
- 2** Press the SELECT button after selecting Playlist to play by using the ◀▶ button.



- 3** Press and hold the SELECT to display the pop-up menu.



- 4** Press the SELECT button after selecting "Open List" by using the ◀▶ button.
Files in the Playlist is displayed.



Using Playlists



- 5** Press the B button to select "Playlist" screen.
Confirm the Playlist.



- 6** Press the ▶ button to play the selected file directly or press the SELECT button after selecting "Play" on the pop-up menu.

The selected files play in sequential order.



Using playlists

① Making a new playlist



- 1** Press the B button to display Browser.



- 2** Use the ◀ ▶ ▲ ▼ buttons to locate a file then press SELECT to highlight the file.

Press ▶ button to enter into the folder. Press ◀ button to go the upper folder.

If a folder is selected, all files in the folder and all files in any sub-folders will be added to the list.



- 3** Continue to use ◀ ▶ ▲ ▼ buttons and SELECT to highlight additional files in the current folder.

Moving to a different folder will clear all currently highlighted items.

Clicking SELECT on a previously highlighted item will remove it from the current list.



Using playlists



- 4** Press and hold the SELECT to display the pop-up menu.



- 5** Choose "New List" and press SELECT to create a new playlist with the highlighted files.



- 6** Press the B button to select "Playlist" screen. Confirm the added Playlists.



Using playlists

② Adding playlists



- 1** Press the B button to select Browser at stop mode.



- 2** Locate a playlist and press the SELECT button.



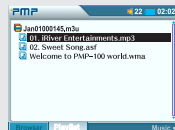
- 3** Press and hold the SELECT to display the pop-up menu.



- 4** Select "Load List" and press the SELECT button.



- 5** Press the B button again to switch to the Playlist view and confirm that the desired list was loaded.



Using Playlists



- 6** Press the B button again to switch to the Browser view and begin searching for files to add to the list.



- 7** Press the SELECT button after selecting the file to add by using the ◀▶ button.

Press ▶ button to enter into the folder. Press ◀ button to go the upper folder.

If a folder is selected, all files in the folder and all files in any sub-folders will be added to the list.



- 8** Continue to use ◀▶ buttons and SELECT to highlight additional files in the current folder. Moving to a different folder will clear all currently highlighted items.



3-5. Using playlists

Basic operation

Using playlists



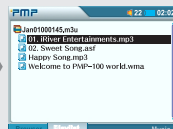
- 9** Press and hold the SELECT to display the pop-up menu.



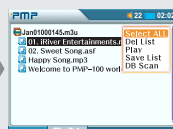
- 10** "Add List" and press the SELECT button.
The highlighted files will be added to the playlist."



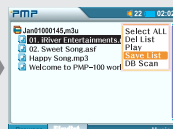
- 11** Press the B button to select "Playlist screen".
Confirm the added playlists.



- 12** Press and hold the SELECT to display the pop-up menu.



- 13** Select "Save List" and press the SELECT to save the modified playlist.



3-5. Using playlists

Basic operation

Using Playlists

3

Remove files from Playlists



- 1** Using the Browser, locate the playlist file to be deleted and press SELECT.



- 2** Press and hold the SELECT button to display the pop-up menu.



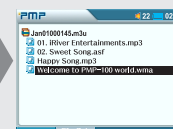
- 3** Select "Load List" and press the SELECT button.



- 4** Press the B button again to switch to the Playlist view and confirm that the desired list was loaded.



- 5** Select the file to delete using the ▲▼ button on the playlist.



3-5. Using playlists

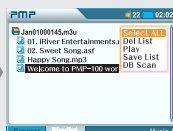
Basic operation



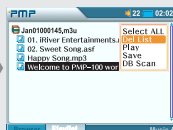
Using playlists



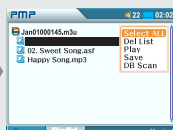
- 6** Press and hold the SELECT button to display the pop-up menu.



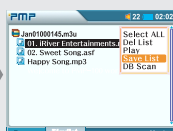
- 7** Select "Del List" and press SELECT.
The item on the list will be removed.



- 8** Press and hold the SELECT button to display the pop-up menu.



- 9** Select "Save List" and press the SELECT to save the modified playlist.



3-6. Listen to FM station

Basic operation

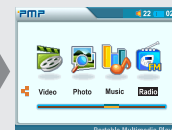


Listen to FM radio

1 Listen to FM radio

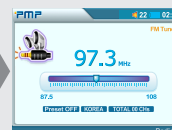


- 1** Select Radio from the Function menu and press SELECT to enter FM Radio mode.

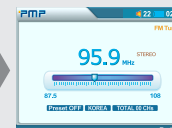


Note

The headphone cord is used as the FM antenna. Reception will be very poor if headphones are not attached to the player.



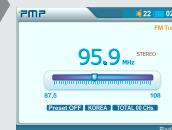
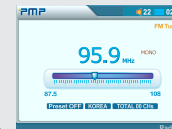
- 2** Press the ◀▶ button to select a station.



2 Changing Stereo/Mono



Press the A button to change Stereo/Mono.
Mono allows for stronger reception in weak transmission areas.





Listen to FM radio

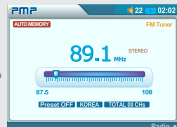
3 Auto memory function (To save Channels automatically)



1 If "Preset" is displayed, first press the NAVI button to exit Preset mode.



2 Press and hold the B (EQ/Mode) button. CH01 to CH20 will be saved automatically with the first 20 stations the player finds.



Note

- FM tuner reception will be affected in weak transmission areas.
- When player does not have any preset channels, EMPTY will be blinking.

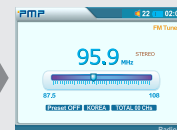


Listen to FM radio

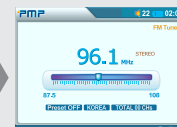
4 Memory Function (Save Channels Manually)



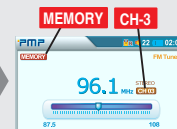
1 If "Preset" is displayed, first press the NAVI button to exit Preset mode.



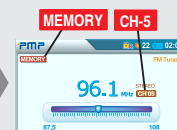
2 Press the ◀▶ button with short or long click and select the desired station.



3 Press the B (EQ/Mode) button. MEMORY and Channel number will be displayed on the screen.



4 Press the ◀▶ button to select a Channel number to assign to the frequency.



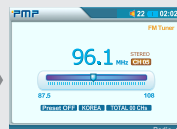
3-6. Listen to FM station

Basic operation

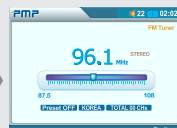
Listen to FM radio



- 5 Press the B (EQ/Mode) button to store the frequency to the selected channel number.



- 6 Press the PAUSE button to cancel storing the frequency and return to normal FM operation.



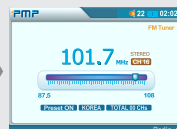
Erasing MEMORY (Delete saved stations)



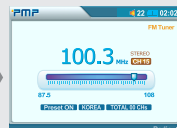
- 1 If Preset is not displayed, first press the NAVI button to enter Preset mode.



- 2 Select channel to be deleted by pressing PAUSE button at preset mode.



- 3 Push and hold the B (EQ/MODE) button to delete the selected station.
The next channel will appear when channel delete is completed.



3-7. Recording

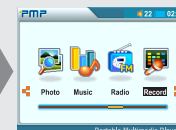
Basic operation

Recording

1 Recording Voice/Source from External Audio Source



- 1 Select Record from the Function menu and press SELECT to enter recording mode.



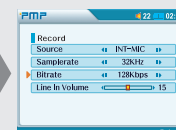
- 2 Press the A button to enter the Recording Settings menu.



- 3 Use the ▲ and ▼ buttons to select "Source" then ◀ and ▶ to select the desired recording source.
• INT.MIC : To record through the internal microphone
• LINE-IN : To record from an external audio source



- 4 Use ▲ and ▼ to select each setting and ◀ or ▶ to choose the desired value for each setting.



Note • Volume can not be controlled while recording.

Recording



- 5** Press and hold the NAVI button to go to the Recording Standby Mode.



- 6** Press the ● (REC) button to start recording.
Press play on your external equipment (if necessary) to begin playback to be recorded.



2 To pause recording



- Press the ● (REC) button recording to pause the recording.
Press the ● (REC) button again to resume recording to the same file.



- The recorded file is saved as mmddxxx.MP3 in the RECORD folder.
(Month) (Day) (Number)
- The recording will be stop if
 - the amount of recorded data exceeds the capacity.
 - the size of recorded file (MP3) exceeds 400MB.
 - the RECORD time exceeds 10 hours.
 - the battery is low on charge.

Recording

3 To play a recorded file



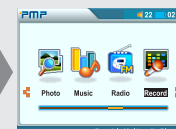
- Press the ►► button to play a recorded file at the Recording Standby Mode.



4 To stop recording



- Press and hold the ►► button to exit Recording Mode at the Recording Standby Mode.
The screen will be changed to Function menu.



Searching a file/folder (Browser)

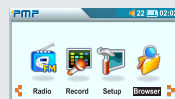
① Playing a file/folder directly



1 Select Browser from the Function menu and press SELECT to enter the browser mode.

You can switch between the two browser screens using the B button.

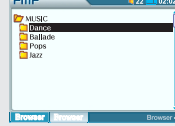
All playable files, Video, Music, etc. will appear with the appropriate icon. Files with a "?" icon are not playable.



Portable Multimedia Player



<Browser 1>



<Browser 2>



2 Use the ◀▶ buttons to locate a file then press SELECT to highlight the file for playback.

Press ▶ button to enter into the folder. Press ◀ button to go the upper folder.

Searching a File/Folder (Browser)

3 Continue to use ◀▶ buttons and SELECT to highlight additional files in the current folder. Moving to a different folder will clear all currently highlighted items.

Clicking SELECT on a previously highlighted item will remove it from the current list.



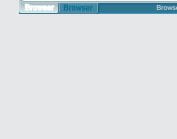
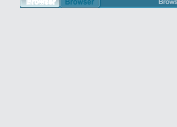
4 Press and hold the SELECT button to open the pop-up menu.

Choose "Select All" and press SELECT to highlight all items in the current folder.



5 Press the ▶ button to play the selected file directly or press and hold the SELECT button after selecting "Play" on the pop-up menu.

The highlighted files begin playing.

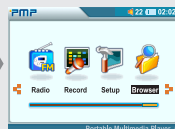


Searching a File/Folder (Browser)

② Copying / Moving files



1 On the Function Menu, choose Browser.



2 Use the $\leftarrow \rightarrow$ buttons to highlight your desired "Destination" folder on the Browser 1 screen.



3 Press B to switch to Browser 2.



4 Use the $\leftarrow \rightarrow$ buttons to locate a file then press SELECT to highlight the file for copying or moving. If a folder is selected, all files in the folder and all files in any sub-folders will be copied or moved. Clicking SELECT on a previously highlighted item will remove it from the current list. Continue to use $\leftarrow \rightarrow$ and SELECT button to highlight additional files in the current folder. Moving to a different folder will clear all currently highlighted items.



Searching a File/Folder (Browser)



5 Once all the desired items in the folder are highlighted, press and hold the SELECT button to bring up the pop-up menu.



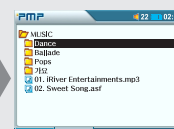
6 Choose "Copy" or "Move" and press SELECT. The highlighted items will be moved or copied to the desired folder chosen in Step 2.



7 Choose "Yes" to confirm the action.



8 Press the B button to change back to Browser 1 and confirm that the files are in the new location.





Searching a File/Folder (Browser)

3 Deleting Files/Folders



1 Use the ◀▶▲▼ buttons to locate a file then press and hold SELECT to display the pop-up menu.



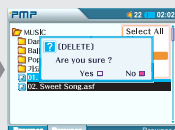
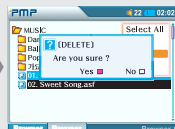
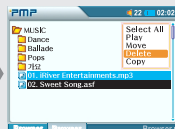
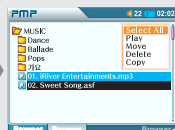
2 Choose "Delete" and press SELECT to delete the file.



3 Select "Yes" to confirm the action and press SELECT.



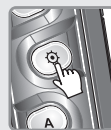
4 To cancel the current action select "No" and press SELECT.



Navigation mode is useful for deleting or adding and saving playlists to the player and searching music files while playing.

Playing by using Navigation

1 Playing file/folder directly



1 Press the NAVI button while playing.
The current playlist will be displayed on the LCD.

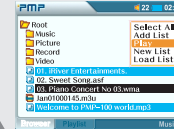


2 You can select the "Browser" and "Playlist" by turns by pressing the B button.

3 You can play a music, photo or video file using the file browser or create, add to, delete from, or modify a playlist.

4 These features have been described previously in this manual. Please see above sections for details about each of the items listed here.

- Select All : Select all folders/files
- Add List : Add a playlist.
- Play : Play a selected file/ folder.
- New List : Make a new playlist.
- Load List : Open a selected playlist.
- DB Scan : Search the music information on the player.
- Info : Display the information of the selected file.



4-2. Using Host function

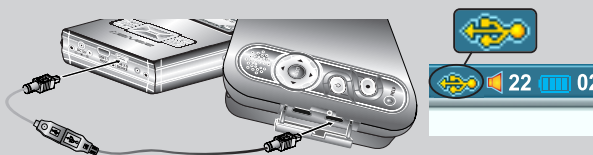
Specific features

Use the Host function to exchange data from supported devices via a direct USB connection. Using Host, you can perform the work connecting to external devices such as digital camera etc.

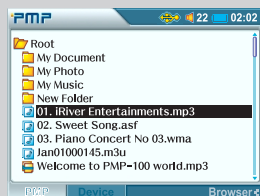
Using Host function

① Connecting to an external device

- 1 Connect the to an external device with Host cable (provided). The USB Host icon will be displayed.



- 2 Excute Browser function from the Function menu. The external device is displayed as “Device” window screen in the Browser function.



PMP window Player



Device window External Device

The external device's root folder is displayed as “Device” in the Device window screen.



- Response time may vary depending on memory size and type of the external device.

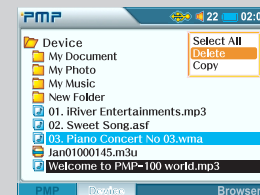
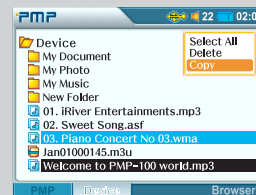
4-2. Using Host function

Specific features

Using Host function

③ To copy/delete files or folders

You can copy or delete file/folder between the player and an external device. Use the Browser instructions found on page 69 to move or delete files to or from an external device.



④ Removing the player from an external device

Disconnect the Host cable between the player and an external device.



- Not all devices will be detected by the PMP using this connection. Many cameras/MP3 players/memory card reader/etc. will not function with the PMP. Please visit our web site for details about the HOST function and what devices it is compatible with.

4-3. Using DB Scan

Specific features

The DB is a Data Base of the MP3 songs on your player. It indexes all the Song Title, Artist, and Genre information as found in the ID tags of your MP3 files. It is important to perform the steps below after transferring MP3's to your player. This can also be used to re-create the DB file if it is damaged or accidentally deleted.

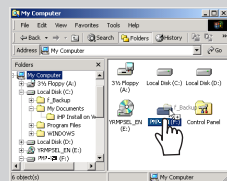
DB Scan

2 Updating DB File

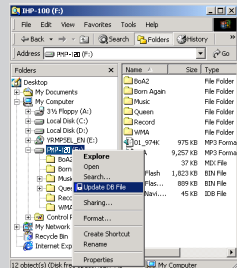
- 1 Connect the player to the PC.
(Refer to "Connecting to the PC", page 30)



- 2 Open Windows Explorer and select the player drive.



- 3 Right click on the player.
Then select "DB File update"
to activate DB File update.

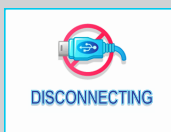


- 4 Click "OK" after updating is completed.



NO DB indicates that the MP3 file does not have ID3 information. Fail, indicates that the file name or folder name is over 52 characters. Shorten filenames to correct this issue."

- 5 After disconnecting the player from the host PC, you can use the Navigation function to search for songs using ID3 Tag information.
(Refer to "Safely Removing the player from the PC", page 33.)



4-3. Using DB Scan

Specific features

Any time songs are deleted from the player, the DB must be updated to keep the Song Title, Artist, and Genre lists accurate. When new MP3's are added, the DB must be updated or the MP3's must be added to the DB using the instructions on this page."

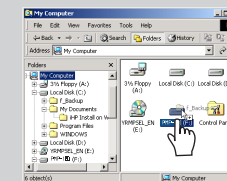
DB Scan

3 Adding DB

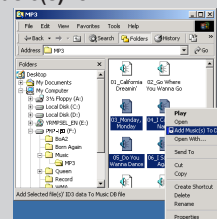
- 1 Connect the player to the PC.
(Refer to "Connecting to the PC", page 28)



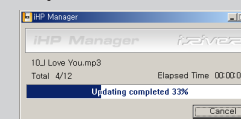
- 2 Open Windows Explorer and select the player drive.



- 3 Select newly transferred MP3 files or folders containing MP3 files. Right click on those files and click "Add Music(s) to DB."



- 4 Click "OK" after updating is completed.



ID3 Tag information of the selected files are added to DB.

- 5 After disconnecting the player from the host PC, you can search the added music by using ID3 Tag.
(Refer to "Safely Removing the player from the PC", page 33.)



Specific features



4 Note for DB Scan

- To use the ID3 Tag Navigation function, folder and file names must use 52 characters or less.
- Please try to use standard character sets such as English in the ID3 Tag Navigation function. If you want to use special characters, please use only the following:

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 8

4-4. Playback Mode

Specific features

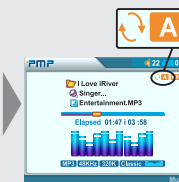


You can set Repeat, Shuffle or Intro playback by choosing these selections under Mode while playing music or motion picture.

Setting the Playback Mode



Press the B (EQ/MODE) button to set the playback mode. Refer to page 91 for details about playback modes.



1 Repeat

- | | |
|---|---|
|  1 | Play a single playlist repeatedly. |
|  A | Play all playlist in the player repeatedly. |

2 Shuffle

- SFL** Randomly play all playlists on the player and stop.

3 Intro

- INTRO** Play beginning 10 seconds of each track in sequential order.

- Intro is not available for video playback.

4-4. Playback Mode

Specific features

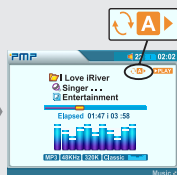
Setting the Playback Mode

④ A-B Repeat

Play a selected interval repeatedly while playing music.



- 1 Press A button while playing to select the beginning (A) point.



- 2 Press A button again to select the end (B) point.



- 3 Press the A button to cancel the interval repeat.



4-5. Using Winamp Playlist

Specific features

How to use WINAMP PLAYLIST

① Making a Playlist

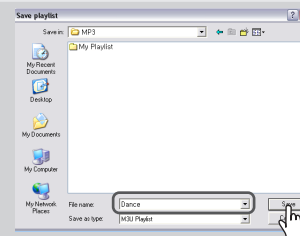
- 1 Make a PLAYLIST (*.M3U) using WINAMP.

Winamp execution picture



Launch WINAMP and add songs to make a list.
Click "LIST OPTS" located on the right bottom and click "SAVE LIST"

- 2 Name the file name (ex: iriver .m3u) and click "SAVE" to save the list.



- 3 Save to the player with the *.M3U and the files added to the playlist. The player can also play the playlists created on the PC. Refer to "Using playlist" for details.

4-6. Customizing the function settings

Specific features

- You can configure your own settings.
- Function Control is subject to change with different firmware versions.

1. Menu Setup Configuration

General

- Language
- FM region
- Resume
- Load default

Display

- Video Out
- LCD Brightness
- Video X Position
- Video Y Position

Power

- Sleep Timer Power Off
- Sleep Timer
- Power Off (Min)
- Auto Power Off
- Power Off (Min)
- LCD Off (Sec)

Mode

- Playback
- Repeat
- Shuffle
- Intro
- Visualization
- Video Caption
- Caption
- H align
- V align
- Delay

Sound

- EQ
- Balance
- User EQ
- 60Hz(db)
- 250Hz(db)
- 1KHz(db)
- 4KHz(db)
- 12KHz(db)

Clock

- Hour
- Minute
- Day
- Month
- Year
- Setup

System

- USB Device
- Firmware Upgrade

Record

- Source
- Sample rate
- Bitrate
- Line In Volume

4-6. Customizing the function settings

Specific features

2. Menu Setup Operation



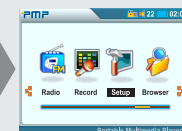
- 1 Press and hold NAVI button to enter Setup menu.
(On the Function menu, choose Setup and press SELECT.)



- 2 Choose the desired menu item and press SELECT to enter that sub-menu.



- 3 Use ▲ and ▼ to select a feature and ◀ or ▶ to set the value for that feature.



<Function Selection>



<Main Menu>



<Sub Menu Setting>

3. Exit Sub Menu Setup



Press and hold NAVI, SELECT or PLAY button to exit the sub-menu and return to the Setup menu screen.

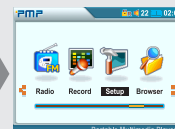


<Main Menu>

4. Exit Menu Setup



Press and hold button to exit Setup Menu at initial setting menu.



<Function Selection>

1. General

① Language : (supports 38 languages)

Select the language to display the file name and ID3 tag information.

The file name and ID3 tag information for the player is dependent on the version of the PC operating system that was used to create it.



For example, if an MP3 file is created in a English version of Windows, the language setting should be English for the proper title display. When the language is changed, the changed language is displayed after power off and on.

② FM Region

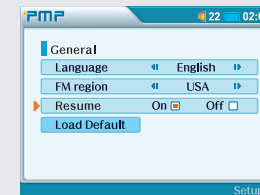
You can set the FM frequency and step according to your area.

After selecting a new tuner region, all preset stations will be deleted from memory.



③ Resume

When On, player resumes to previous place in video file after Stop or Power Off.





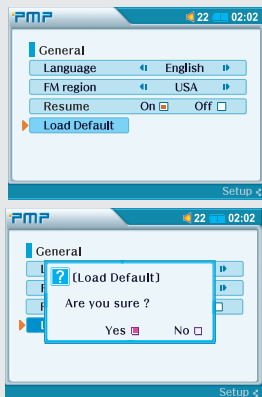
1. General

④ Load Default

Initialize to original factory setting.

Press the SELECT button after selecting "Load Default" to set Load default.
Press the SELECT button after selecting "Yes" by using the ◀ ▶ button to initialize to original factory setting.
Press the SELECT button after selecting "No" to cancel the Load Default Setting.

- Note**
- PMP-100 cannot perform this action while playback.



2. Display

① Video Output

Select the video signal output system correspondent with the TV on the player.

- NTSC : Korea/ U.S.A etc.
- PAL : Europe/ China etc.



2. Display

② LCD Brightness

Adjust LCD contrast of the player.
The LCD contrast can range from 20/ 40/ 60/ 80/ 100.



③ Video X Position

Adjust the X Position (horizontal position) of the motion picture played from the player on the TV.
(-20 ~ 0 ~ 20)



④ Video Y Position

Adjust the Y Position (vertical position) of the motion picture played from the player on the TV.
(-20 ~ 0 ~ 20)



3. Power

◆ Sleep Timer Power Off

① Sleep Timer

You can set the sleep timer function On or Off.

ON : enabled sleep timer

OFF : disabled sleep timer



② Power Off (Min)

Automatically turns the power off after set time.

Time steps are 3 / 5 / 10 / 20 / 30 / 60 / 120 minute.



3. Power

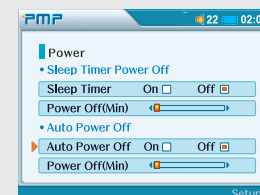
◆ Auto Power Off

③ Auto Power Off

The player, automatically turns power off to save the battery when there is not any action during the set time at stop mode.

ON: Enable Auto Power off.

OFF: Disable Auto Power off.



④ Power Off (Min)

Automatically turns the power off at the stop mode.

Time steps are 3 / 10 / 20 / 30 / 60 / 120 minute.



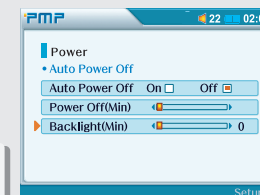
⑤ LCD Backlight Off (Sec)

Set the number of minutes the backlight will remain on.

Time steps are 3 / 5 / 10 / 20 / 30 / 60 / 120 second.



• This setting is ignored during video playback.



4. Mode

◆ Playback mode

① Repeat

Select the repeat modes that are available during playing a music or video file. (1/ ALL/ None)



② Shuffle

Set the shuffle mode to On or Off during playing a music or video file.

You can play the selected mode simultaneously by setting Repeat Mode / Shuffle Mode respectively. (Refer to page 80 for details about each mode)



③ Intro

Plays about 10 seconds of each files at the beginning.



4. Mode

④ Visualization

Visualizes audio signal or lyric using LDB manager at play mode.

Lyric : Displays lyric using LDB manager.
Level Meter : Displays audio signal level.



◆ Video Caption

⑤ Caption

On : Displays the caption.
Off : Does not display the caption.

The player supports SMI captions for video files. Please see your video encoding software documentation for information on SMI captions.



⑥ H align

Set video captioning justification while playing motion picture. (Top/Bottom).



4. Playback Mode

7 V align

Set video captioning justification while playing motion picture.
(Left/Center/Right).



8 Caption Delay

Set whether the caption is displayed ahead of or behind the motion picture.
(-50 ~ 0 ~ 50)



5. Sound

1 EQ

You can select various EQ modes.

EQ is selected as follows :
Normal → Rock → Jazz → Classic → Ultra Bass
→ User EQ



2 Balance

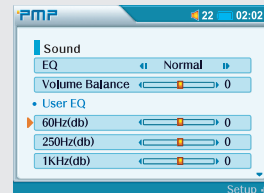
When Sound Balance bar is moved to L (Left, 20), the sound outputs at the left earphone. When the lever is moved to R (Right, -20) the sound outputs at the right earphone. The default value is 0 and the sound outputs the same level at both earphones.



3 User EQ

You can adjust the sound to your preference. There are 5 band frequency steps, set from -12dB to +12dB by 1dB increments.

Press the ▲▼ button to select frequency band and ◀▶ button to adjust the level.





6. Clock

1 Clock

- **Hour/Minute**
Displays the current clock.
- **Day/Month/Year**
Displays the current day.
- **Set**
Set the time and day.
Press the SELECT button after selecting "Set".



- PMP-100 cannot perform this action while playback.



7. System

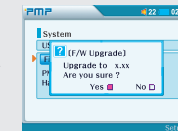
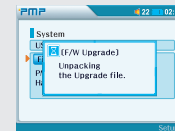
1 USB Device

Displays the device connected to the PMP-100 through the USB Host connection.



2 Firmware Upgrade

Upgrade the operating system of PMP-100.
Refer to "4-7 Firmware Upgrade" for details.



What is FIRMWARE?

It is the operating system that works in the PMP-100.
iRiver provides you with the latest and best features through Firmware Upgrade. Visit www.iRiver.com to upgrade your Firmware.



8. Recording

1 Source

Select the source to record.
You can select the source to record (Internal microphone or Line In).



2 Sample Rate

You can adjust recording quality by setting Sample Rate (Sampling ratio).
You can select 32KHz or 44.1KHz.
The higher Sample Rate is, the better the recorded sound is and the lower it is, the worse the recorded sound is. Higher quality recordings will create larger files and take up more space on the player.



3 Bit Rate

You can adjust recording quality by setting Bitrate (Compression ratio).
You can select the Bitrate to 96 Kbps or 128 Kbps.
The higher Bitrate is, the better the recorded sound is and the lower it is, the worse the recorded sound is. Higher quality recordings will create larger files and take up more space on the player.



8. Recording

4 Line In Volume

You can adjust recording level when recording from External equipment.
(You can set from 0 to 20.)



Firmware Upgrade

1 Preparing the Firmware Upgrade

1 Download the latest firmware upgrade file (PMP-100-Vxxx.zip) from www.iRiver.com.

2 Unzip the downloaded firmware file and double click the EXE file. This will create the firmware file. (PMP-100.tar)

3 After connecting the player to the USB, copy "PMP-100.tar" file to the "Root" folder on the player.

Note ■ Always use the AC adapter for Firmware upgrade. If not, critical damage to the player may result from to battery shortage.

4 Safely remove the player from the PC .

Firmware Upgrade

2 Activating the Firmware Upgrade



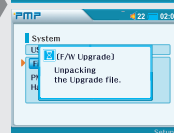
1 Choose Setup from the Function menu and press SELECT.



2 Choose the System sub-menu item and Press SELECT.



3 Choose Firmware Upgrade and press SELECT. Automatically unzip the Firmware Upgrade file (PMP-100.tar)

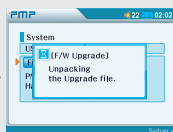
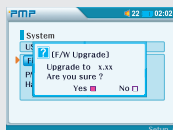


Firmware Upgrade



4 Choose "Yes" to confirm the action and press SELECT.

The firmware upgrade is in process.



5 When the upgrade is done, turn the player off.



6 After turning the player on, confirm the Firmware Upgraded operating.

Solving the problem about the Boot Failure

1 Precautions for Hard Disk Drive

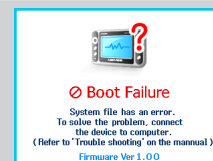
The PMP player uses an internal Hard Disk Drive to store your data. There should be no need to format or otherwise service the drive. iRiver recommends carefully reading the troubleshooting section of this manual and viewing updated online documentation before attempting to format the device. Only under recommendation from iRiver should the drive be formatted.

If attempting to format the drive in the PMP for any reason, please observe the following precautions:

- The PMP-140 can not be formatted using Windows XP or Windows 2000. These operating systems can not format drives over 32 GB using the FAT32 file system. This is a limitation of these operating systems and not a fault of the device itself.
- The PMP-140 player can be formatted using Windows 98 SE or Windows Me. Always choose the FAT32 file system when formatting the player.
- The PMP-120 player can be formatted using Windows XP, 2000, Me, and 98 SE. Always choose the FAT32 file system when formatting the player.
- Should formatting become necessary, be sure to always use the FAT32 file system. Under no circumstance should the player be formatted using the NTFS file system. This will cause the player to become unusable.
- The player can not be formatted on non-Windows computers (such as Mac). Attempting to do so may cause the player to become unusable

2 About the Boot Failure

When powering on, the player checks several internal configurations. If one of these configurations is not working properly, a Boot Failure message may appear. See the following pages for steps to resolve a Boot Failure."





Solving the problem about the Boot Failure

② Solving the problem about the Boot Failure

- 1 Connect the player to a Windows PC and use Windows "Error Checking" to attempt to recover the player. Please see Help under your Windows Start Menu for details about error checking a hard drive.
- 2 Power on the player and make note of the firmware version that is displayed during startup. The firmware version will correspond to a "System File" that is kept on the drive inside the player. Should this System File become damaged or missing, the player may not boot and the file must be replaced. Please download the version of the System File that matches your firmware version from the iRiver web site.
- 3 After performing steps 2 and 3, disconnect the player from the USB cable and power it on.
- 4 If the "Boot Failure" message is still displayed, connect the player to the USB cable and attempt to Format the internal drive using the guidelines outlined on the previous page in the "Precautions for Hard Disk Drive" section. Then repeat steps 2 and 3 above.
- 5 If the message persists, please contact your closest iRiver Customer Support for assistance.



NOTE !

Note

- If a file is unable to play due to damage, the damaged part will skip; if it is not possible to play continuously it will skip to the next file.
- Folders and files are sorted in alphabetical order.
- Only files with extension with MP3, WMA, WAV, ASF, AVI, BMP, and JPG can be played.
- The player can recognize the files/folders on the player without limit but 999 files or sub folders in a folder.
- Battery level indicator may vary depending on battery type (Internal/External) and operation mode.
- The maximum play time for video (video 640X480@30fps / audio-MP3 128kps, 44.1KHz) is 4 hours and maximum play time for audio (MP3, 128kps, 44.1KHz) is 10 hours
- Audio of moving picture only supports MP3, WMA, AC3, DTS, AAC, and other formats are not supported.
- Physical shock can cause bad sectors on the Hard Disk inside the player. This can be recovered using Windows Scandisk.
- All data stored on this device may be erased by a excessive impact, a thunder or an electricity failure, etc. on the device.
The Manufacturer does not warrant and will not be held responsible in any way for damages or loss of data, including loss of data stored on this device, resulting from a excessive impact, a thunder or an electricity failure. You will be responsible for safe-guarding all data stored on this device.
- If the video bitrate is below 700Kbps, the picture image and/or the sound may get distorted.
- Highly recommended to run Error-Checking and Defragmentation utilities periodically for longer use.



Playing

Q Can I change the playing order?

A The PMP-100 supports m3u file lists. Also, the Playlist function allows you to select your preferred songs.

Q I hear a 'hiccup' sound while the song is playing.

A Corrupted MP3 or WMA files may make a static noise and the sound may cut off. Listen to your files on the PC to see if they are corrupted.

Q What is VBR?

A VBR is "Variable Bit Rate". Some MP3 encoders support VBR. When enabled, the compressor will use a bit rate that will fit the actual passage. If it is a complex part, having much more variation in the sound, it will use a high bit rate. If there is less variation in sound, it will use a lower bit rate. Usually, the average bit rate will not be as high as a same-quality MP3 with CBR (Constant Bit Rate). However, there is shortcoming that it's hard to keep track of the actual position that may not be favorable when studying language.



Should any problem continue after you have checked these symptoms, please contact iRiver customer support.

Trouble	Solution
Player will not power on.	- Check whether the TV/HOLD/LCD switch is HOLD. (Switch to LCD position.) - Check whether the rechargeable batteries are not charged.
AC adapter does not work.	Check whether the plug is connected to the proper jack on the player.
Remote control (Option) does not work.	- Check whether the HOLD switch on remote control (Option) is ON. (Switch to OFF position.) - Connect the earphones/remote plug firmly.
The clock is changed to 00:00.	- Check whether the battery is discharged. If the battery is discharged, the clock is initialized to 00:00 after approx. 1 month. - Set the current clock (Refer to page 95)

5-3. Troubleshooting!

Additional
Information



Should any problem continue after you have checked these symptoms, please contact iRiver customer support.

Trouble	Solution
Poor FM Reception	- Adjust the position of the player and remote control (Option). - Electronic equipment can cause interference with the FM reception. Turn off any nearby electronics or move the player away from the source. - The earphones and remote control (Option) are the antenna and reception will be poor unless one or the other are attached to the device.
Nothing is displayed on the LCD screen.	Check the TV/HOLD/LCD switch is set to TV. When set to TV, no image will display on the LCD screen.
Image on TV is unstable, flickering, fuzzy, or otherwise non-viewable.	What kind of TV do you use? Often display errors on TV are caused by an improper setting. Disconnect the player from your TV and change the NTSC/PAL setting in the Setup menu. See page 87 for details.
Video files are smaller than the screen.	The display is determined by the settings used to create the AVI file. Please consult your AVI creation software documentation for settings.
Video files do not display properly.	- When playing a video file, the loading time of a motion picture is longer than the MP3 or WMA formats because file size to read is larger than MP3 or WMA files. - The video file may not conform to the specifications of the PMP. Consult your video source and the specifications section of this manual for details. - AVI files created in higher resolutions than indicated in the Specifications section may not playback properly.

5-3. Troubleshooting!

Additional
Information



Trouble	Solution
Image files does not display.	The image file may not conform to the specifications of the PMP. Consult the specifications section of this manual for details.
Display turns off repeatedly.	While playing audio file, the display is automatically turned off to save the battery as the set time passes. You can adjust the backlight time on the Setup Menu.
Audio files do not play properly. Either no sound is heard or defects are heard.	- Check whether VOLUME is set to 0 . - Connect the earphone/remote plug firmly. Check whether the plug is dirty (clean the plug with a dry and soft cloth). - Corrupted MP3, WMA, ASF or AVI file may have distortion or not play. Try playing another music file. - Excessive jolting and constant vibration may affect playback. Use the device in a more stable environment.
Characters in LCD are corrupted.	Check out Menu General Language and confirm whether the right language has been selected.
Batteries do not charge.	- Check whether the adapter plug is properly connected. - Fully charged batteries will not accept additional charging.

5-4. Specifications

Additional
Information



General Specifications

Model	PMP-120	PMP-140
Capacity/Size	20GB/1.8"	40GB/1.8"

1GB equals 1,000,000,000 bytes, not all drive space is available for file storage.

Category	Item	Specifications
Audio	Frequency Range	20Hz~20KHz
	Headphone output	20mW (L) + 20mW (R) (16 Ω) Max. Volume
	S/N ratio	90dB (MP3)
	Frequency Characteristics	±3dB
	No. of Channels	Stereo (L+R)
Video	LCD	3.5" TFT
	Composite Output Type	NTSC/PAL
FM Tuner	Frequency Range	87.5MHz~108MHz
	S/N ratio	60dB
	Antenna	Headphone / Earphone-Cord Antenna
Playtime	Video	Earphone output / LCD : 60 / Volume : 20 4 hours (640X480 @24fps, Audio: 128kbps/44.1KHz) 5 hours (320X240 @24fps, Audio: 128kbps/44.1KHz) (Playback time may be shortened by 1 to 2 hour(s) if the built-in speakers are in use at max. volume.)
	Audio	Earphone output / LCD : Off / Norma EQ / Volume : 20 10 hours (MP3 128kbps/44.1kHz)
Power Supply	AC Adapter	DC 5.0V, 2A
	Built-in battery	Li-Ion 2400mAh
General	Dimension	Approx. 139 (W) X 84 (D) X 31.7 (H)mm
	Weight (Including Built-in battery)	PMP-120 : Approx. 280 g PMP-140 : Approx. 299 g
	Operational Temperature	0 °C ~ 40°C
Operating System	IBM-PC	Windows 98 SE, ME, 2000, XP
	Interface	USB2.0 (Device) / USB1.1 (Host)
	File System	FAT32 File System

5-4. Specifications

Additional
Information



File Specifications

Category		Specifications
Audio	File Type	MPEG1/2/2.5 Layer3, WMA, WAV, ASF (Audio)
	Bit Rate	8 Kbps~320 Kbps
	Tag	ID3 V1, ID3 V2 2.0, ID3 V2 3.0
Video	File Type	AVI , ASF, MPEG
	Video type	Compatible XviD, MPEG-4 Video Compliant SP, MPEG1 (Please see iRiver Media Converter Software Manual for the detailed file specifications)
	Audio type	MPEG 1 / 2 / 2.5 Layer 3
	Video Bit Rate	Maximum 1.5 Mbps
	Audio Bit Rate	8 Kbps ~192 Kbps
	Video Resolution	Maximum 640 x 480
	Video Frame Rate	Support maximum 30 fps
Image	Caption	Support SMI Format
	File Type	Baseline (Non-progressive) JPG, BMP (Mono, 4, 8, 24 Bit)
	Resolution	JPG : 3100 x 2100
		BMP : 800 x 600



1. For damaged audio or motion picture file, screen or sound may show erratic behavior or may not be able to play.
2. If video resolution is larger than product specification, screen or sound may not play.
3. Videos encoded with audio that is not in MP3 or WMA format may display without sound.
4. Video files that do not conform to the specifications of the player may only play as audio tracks or will not play at all.
5. It may be necessary to convert some AVI files using third part software if they do not conform to product specifications.
6. Only Bassline (Non-progressive), JPG and BMP image file are supported.
7. Image files may not display if files are larger than specification, or they are damaged.



Federal Communications Commission (FCC)

The device manufactured and found to comply with limits for a Class B computing device according to the specifications in FCC rules Part 15. Operation is subject to the following two conditions;

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.
3. If your device needs repairs, you must arrange for the manufacturer to make them if you are to keep the device's FCC registration valid.

This equipment, like other electronic equipment, generates and uses radio frequency energy. If not installed and used according to the instructions in this manual, this equipment may cause interference with your radio and television reception.

If you think this equipment is causing interference with your radio or television reception, try turning the equipment off and on. If the interference problems stop when the equipment is switched off, then the equipment is probably causing the interference. You may be able to correct the problem by doing one or more of the following:

- Adjust the position of the radio or TV antenna
- Move away the device from the radio or TV

If necessary, consult your dealer or an experienced radio or television technician. You may find this booklet helpful: "How to Identify and Resolve Radio and TV Interference Problems" (Stock No. 004-000-00345-4), prepared by the FCC and available from the U.S Government Printing Office, Washington, DC 20402. See individual devices FCC ID and registration numbers.

For the customers in Europe



The CE mark on the CD player is valid only for products marketed in the European Union.

